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WPI Acc No: 2003-759234 /200372

Honeycomb shaped waste-gas purification filter for diesel engine,
comprises particulate filter with flat and corrugated stainless steel
sheets, whose porosity and pore size are set to specific range

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003120255	A	20030423	JP 2001319697	A	20011017	200372 B

Priority Applications (No Type Date): JP 2001319697 A 20011017

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003120255	A	7	F01N-003/02	

Abstract (Basic): JP 2003120255 A

NOVELTY - Particulate filter comprises a flat and corrugated stainless steel sheets (17,16) whose porosity is set to 55-95%, and pore size is set to less than 500 micro meters. A catalyst layer comprising noble metals is formed at the inner surface of the filter.

USE - For collecting particulate material from exhaust gas of diesel engine in motor vehicle.

ADVANTAGE - Particulate substrate in the waste gas is collected reliably, by suitably setting the porosity and the pore size of the honeycomb shaped filter.

DESCRIPTION OF DRAWING(S) - The figure shows the sectional view of the honeycomb shaped filter.

Corrugated plate (16)

Flat plate (17)

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Derwent Class: E36; H06; J01; Q51

International Patent Class (Main): F01N-003/02

International Patent Class (Additional): B01D-039/14; B01D-039/20;

F01N-003/24; F01N-003/28

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